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<212> DNA  
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<220>  
<223> Adaptor containing oligonucleotide tag.  
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<210> 19  
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<212> DNA  
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<223> DNA fragment containing oligonucleotide tag.  
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tttttttttt tt 62

#### IN THE CLAIMS:

5. (Twice amended) A composition of matter comprising a plurality of polynucleotides selected from cDNA molecules or fragments of a target polynucleotide, said composition including a mixture of microparticles, wherein each microparticle ~~having~~ has polynucleotides of the plurality ~~[a population]~~ attached thereto and wherein ~~[such that]~~ substantially all different polynucleotides in the plurality ~~[population]~~ are attached to different microparticles.

Please cancel claim 7.

8. (Twice amended) The composition of claim [7] 5 wherein said plurality ~~[population of said cDNAs has a size of from]~~ includes from ten to a hundred thousand cDNAs or fragments of a target polynucleotide.

9. (Twice amended) The composition of claim [7] 5 wherein tag complements are attached to each of said microparticles of said mixture and wherein each of said cDNAs or said fragments of said plurality ~~[population]~~ has an oligonucleotide tag attached such that perfectly matched duplexes are formed between the tag complements of said microparticles and the oligonucleotide tags of said cDNAs or DNA fragments.